

**WEST**[Help](#)[Logout](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)**Search Results -**

Terms	Documents
11 and meat	0

**Database:** All Foreign Patents Abstracts Databases (JPAB + EPAB + DWPI) ▼**Refine Search:**

11 and meat

**Search History**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
JPAB,EPAB,DWPI	11 and meat	0	<u>L4</u>
JPAB,EPAB,DWPI	11 and carcass	0	<u>L3</u>
JPAB,EPAB,DWPI	11 and (antimicrobial or microbial)	15	<u>L2</u>
JPAB,EPAB,DWPI	peroxy carboxylic acid or per adj3 carboxylic or peroxyacid	1105	<u>L1</u>

**WEST**[Help](#)[Logout](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)**Search Results - Record(s) 1 through 10 of 15 returned.****1. Document ID: EP 752467 A1**

Entry 1 of 15

File: EPAB

Jan 8, 1997

PUB-NO: EP000752467A1

DOCUMENT-IDENTIFIER: EP 752467 A1

TITLE: Storage stable composition based on peroxyacids

PUBN-DATE: January 8, 1997

INVENTOR-INFORMATION:

NAME

COUNTRY

THOENE, BERND

DE

GUTKNECHT, JUERGEN DR

DE

INT-CL (IPC): C11 D 3/37; C11 D 3/39

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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**2. Document ID: US 5489434 A**

Entry 2 of 15

File: EPAB

Feb 6, 1996

PUB-NO: US005489434A

DOCUMENT-IDENTIFIER: US 5489434 A

TITLE: Peroxyacid antimicrobail composition

PUBN-DATE: February 6, 1996

INVENTOR-INFORMATION:

NAME

COUNTRY

OAKES, THOMAS R

US

BOUFFORD, THOMAS G

US

INT-CL (IPC): A01 N 37/02EUR-CL (EPC): A01N037/16; C11D003/00, C11D003/39

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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**3. Document ID: US 5437868 A**

Entry 3 of 15

File: EPAB

Aug 1, 1995

PUB-NO: US005437868A

DOCUMENT-IDENTIFIER: US 5437868 A

TITLE: Peroxyacid antimicrobial composition

PUBN-DATE: August 1, 1995

INVENTOR-INFORMATION:

NAME COUNTRY  
OAKES, THOMAS R US  
BOUFFORD, THOMAS G US  
INT-CL (IPC): A01 N 37/02  
EUR-CL (EPC): A01N037/16; C11D003/00, C11D003/39

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Image
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4. Document ID: WO 9423575 A1

Entry 4 of 15

File: EPAB

Oct 27, 199

PUB-NO: WO009423575A1  
DOCUMENT-IDENTIFIER: WO 9423575 A1  
TITLE: PEROXYACID ANTIMICROBIAL COMPOSITION  
PUBN-DATE: October 27, 1994  
INVENTOR-INFORMATION:  
NAME COUNTRY  
OAKES, THOMAS R N/A  
BOUFFORD, THOMAS G N/A  
INT-CL (IPC): A01N 37/16  
EUR-CL (EPC): A01N037/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Image
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5. Document ID: US 5314687 A

Entry 5 of 15

File: EPAB

May 24, 199

PUB-NO: US005314687A  
DOCUMENT-IDENTIFIER: US 5314687 A  
TITLE: Peroxyacid antimicrobial composition  
PUBN-DATE: May 24, 1994  
INVENTOR-INFORMATION:  
NAME COUNTRY  
OAKES, THOMAS R US  
STANLEY, PATRICIA M US  
KELLER, JEROME D US  
INT-CL (IPC): A01N 37/02  
EUR-CL (EPC): A01N037/16; C11D003/00, C11D003/39

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Image
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6. Document ID: US 5200189 A

Entry 6 of 15

File: EPAB

Apr 6, 1993

PUB-NO: US005200189A  
DOCUMENT-IDENTIFIER: US 5200189 A  
TITLE: TITLE DATA NOT AVAILABLE  
PUBN-DATE: April 6, 1993  
INVENTOR-INFORMATION:  
NAME COUNTRY  
OAKES, THOMAS R US  
STANLEY, PATRICIA M US

KELLER, JEROME D US  
INT-CL (IPC): A01N 37/02; A01N 39/02  
EUR-CL (EPC): A01N037/16; C11D003/00, C11D003/39

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Image
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7. Document ID: JP 06316505 A

Entry 7 of 15

File: JPAB

Nov 15, 199

PUB-NO: JP406316505A  
DOCUMENT-IDENTIFIER: JP 06316505 A  
TITLE: WATER-BASED MICROBICIDAL COMPOSITION AND CONCENTRATED MATERIAL FOR ITS PREPARATION  
PUBN-DATE: November 15, 1994  
INVENTOR-INFORMATION:  
NAME  
PLOUMEN, JAN JOSEPH HUBERT  
BORGMANN-STRAHSEN, RENATE  
INT-CL (IPC): A01N 31/04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Image
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8. Document ID: US 5674538 A

Entry 8 of 15

File: DWPI

Oct 7, 1997

DERWENT-ACC-NO: 1997-525233  
DERWENT-WEEK: 199748  
COPYRIGHT 1999 DERWENT INFORMATION LTD  
TITLE: Microbial growth control in aqueous food transport and process streams - by treatment with anti-microbial composition comprising per-carboxylic acid and hydrogen peroxide  
INVENTOR: LOKKESMOE, K D; OLSON, K E  
PRIORITY-DATA: 1995US-0369355 (March 13, 1995) , 1993US-0032624 (March 17, 1993)  
PATENT-FAMILY:  
PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC  
US 5674538 A October 7, 1997 N/A 017 A01N 059/00  
INT-CL (IPC): A01 N 37/16; A01 N 59/00; C02 F 1/50; C02 F 1/72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Image
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9. Document ID: ES 2126757 T3, WO 9424863 A1,  
FR 2704726 A1, NO 9405036 A, EP 649274 A1, JP  
08502518 W, US 5616335 A, EP 649274 B1, DE  
69416373 E

Entry 9 of 15

File: DWPI

Apr 1, 1999

DERWENT-ACC-NO: 1994-357765  
DERWENT-WEEK: 199920  
COPYRIGHT 1999 DERWENT INFORMATION LTD  
TITLE: Stable aq. disinfectant and/or cleaning agent compsn. - contg. organic peroxy:acid and thickener, e.g. polyoxyalkylene cpd., esp. used for disinfecting skin

INVENTOR: CRISINEL, P; DECLERCK, G ; LE ROUZIC, D ; LEDON, H ; NICOLLE, R  
; DECLERK, G

PRIORITY-DATA: 1993FR-0005376 (May 5, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
ES 2126757 T3	April 1, 1999	N/A	000	A01N 037/16
WO 9424863 A1	November 10, 1994	F	032	A01N 037/16
FR 2704726 A1	November 10, 1994	N/A	000	A01N 037/00
NO 9405036 A	January 4, 1995	N/A	000	A01N 037/16
EP 649274 A1	April 26, 1995	F	000	A01N 037/16
JP 08502518 W	March 19, 1996	N/A	026	A01N 037/16
US 5616335 A	April 1, 1997	N/A	008	A01N 025/02
EP 649274 B1	February 3, 1999	F	000	A01N 037/16
DE 69416373 E	March 18, 1999	N/A	000	A01N 037/16

INT-CL (IPC): A01 N 25/02; A01 N 25/10; A01 N 37/00; A01 N 37/16; A01 N 37/20;  
A01 N 37/32; A61 K 7/50; A61 K 31/19; A61 K 47/32; A61 K 47/34;  
A61 L 2/18; C11 D 3/37; C11 D 3/48; C11 D 7/38; C11 D 9/50

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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10. Document ID: DE 69411554 E, WO 9423575 A1,  
AU 9465867 A, US 5437868 A, EP 693876 A1, US  
5489434 A, NZ 265418 A, AU 676902 B, EP  
693876 B1

Entry 10 of 15

File: DWPI

Aug 13, 199

DERWENT-ACC-NO: 1995-006203

DERWENT-WEEK: 199838

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TITLE: Peroxy:acid antimicrobial concentrate compsn - contg. 5C-peroxy:acid  
and aliphatic 6-18C peroxy:acid and/or 1-4C peroxy:acid gives 5 log redn in a  
microbial population at pH 2-8

INVENTOR: BOUFFORD, T G; OAKES, T R

PRIORITY-DATA: 1993US-0047264 (April 12, 1993) , 1991US-0734580 (July 23,  
1991) , 1995US-0402629 (March 13, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 69411554 E	August 13, 1998	N/A	000	A01N 037/16
WO 9423575 A1	October 27, 1994	E	063	A01N 037/16
AU 9465867 A	November 8, 1994	N/A	000	A01N 037/16
US 5437868 A	August 1, 1995	N/A	013	A01N 037/02
EP 693876 A1	January 31, 1996	E	000	A01N 037/16
US 5489434 A	February 6, 1996	N/A	012	A01N 037/02
NZ 265418 A	July 26, 1996	N/A	000	A01N 037/16
AU 676902 B	March 27, 1997	N/A	000	A01N 037/16
EP 693876 B1	July 8, 1998	E	000	A01N 037/16

INT-CL (IPC): A01 N 37/02; A01 N 37/16; A61 L 2/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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Terms	Documents
11 and (antimicrobial or microbial)	15



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## Search Results - Record(s) 11 through 15 of 15 returned.

11.

Document ID: MX 185619 B, WO 9320172 A1,  
 AU 9339704 A, EP 633922 A1, US 5516449 A, JP  
 08500849 W, EP 633922 A4, CN 1077740 A, AU  
 675936 B, CA 2133820 C, BR 9306193 A

Entry 11 of 15

File: DWPI

Aug 15, 199

DERWENT-ACC-NO: 1993-336887

DERWENT-WEEK: 199847

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TITLE: Solid laundry detergent contg. stable amide peroxy-acid bleach -  
 comprises surfactant(s), non-phosphate builder salt(s), amide subst.

peroxy-acid bleach cpd., other bleaches, and other detergent ingredients

INVENTOR: AGAR, J T H; HARTSHORN, R T ; SORRIE, G A

PRIORITY-DATA: 1992GB-0008062 (April 3, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
MX 185619 B	August 15, 1997	N/A	000	C11D 003/03
WO 9320172 A1	October 14, 1993	E	053	C11D 003/32
AU 9339704 A	November 8, 1993	N/A	000	C11D 003/32
EP 633922 A1	January 18, 1995	E	000	C11D 003/32
US 5516449 A	May 14, 1996	N/A	014	C11D 003/32
JP 08500849 W	January 30, 1996	N/A	049	C11D 003/39
EP 633922 A4	July 3, 1996	N/A	000	C11D 003/32
CN 1077740 A	October 27, 1993	N/A	000	C11D 003/39
AU 675936 B	February 27, 1997	N/A	000	C11D 003/32
CA 2133820 C	October 14, 1997	N/A	000	C11D 003/28
BR 9306193 A	June 23, 1998	N/A	000	C11D 003/32

INT-CL (IPC): C11 D 3/02; C11 D 3/032; C11 D 3/039; C11 D 3/08; C11 D 3/28; C11 D 3/32; C11 D 3/39; C11 D 3/395; C11 D 11/00; C11 D 17/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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12.

Document ID: JP 2874041 B2, WO 9301716 A1,  
 ZA 9202751 A, US 5200189 A, AU 9221769 A, NZ  
 242119 A, CN 1068705 A, NO 9304217 A, US  
 5314687 A, EP 597877 A1, FI 9400231 A, AU  
 652274 B, BR 9205916 A, JP 06510526 W, EP  
 597877 B1, DE 69223628 E, US 5718910 A, ES  
 2112908 T3, NO 304051 B1, PH 29408 A

Entry 12 of 15

File: DWPI

Mar 24, 199

DERWENT-ACC-NO: 1993-058429

DERWENT-WEEK: 199917

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TITLE: Synergistic antimicrobial concentrate - contain two peroxy:carboxylic acid(s) and diluted use solns., for sanitising fixed equipment in food and drink processing

INVENTOR: KELLER, J D; OAKES, T R ; STANLEY, P M

PRIORITY-DATA: 1991US-0734580 (July 23, 1991) , 1992US-0932612 (August 20, 1992) , 1993US-0004075 (January 13, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2874041 B2	March 24, 1999	N/A	028	A01N 037/16
WO 9301716 A1	February 4, 1993	E	054	A01N 037/16
ZA 9202751 A	December 30, 1992	N/A	062	C12H 000/00
US 5200189 A	April 6, 1993	N/A	011	A01N 037/02
AU 9221769 A	February 23, 1993	N/A	000	A01N 037/16
NZ 242119 A	July 27, 1993	N/A	000	A01N 037/16
CN 1068705 A	February 10, 1993	N/A	000	A01N 037/00
NO 9304217 A	November 22, 1993	N/A	000	A01N 000/00
US 5314687 A	May 24, 1994	N/A	012	A01N 037/02
EP 597877 A1	May 25, 1994	E	000	A01N 037/16
FI 9400231 A	March 17, 1994	N/A	000	A01N 000/00
AU 652274 B	August 18, 1994	N/A	000	A01N 037/16
BR 9205916 A	December 6, 1994	N/A	000	A01N 037/16
JP 06510526 W	November 24, 1994	N/A	018	A01N 037/16
EP 597877 B1	December 17, 1997	E	024	A01N 037/16
DE 69223628 E	January 29, 1998	N/A	000	A01N 037/16
US 5718910 A	February 17, 1998	N/A	012	A01N 025/02
ES 2112908 T3	April 16, 1998	N/A	000	A01N 037/16
NO 304051 B1	October 19, 1998	N/A	000	A01N 037/16
PH 29408 A	January 15, 1996	N/A	000	A01N 037/02

5718910 A

INT-CL (IPC): A01 N 0/00; A01 N 25/02; A01 N 37/00; A01 N 37/02; A01 N 37/16;  
A01 N 39/02; A61 L 2/18; C12 H 0/00; A01 N 37/16; A01 N 37/16;  
A01 N 37/16; A01 N 37/16; A01 N 37/16; A01 N 37/16; A01 N 37/16;  
A01 N 37/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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13.

Document ID: IT 1199648 B

Entry 13 of 15

File: DWPI

Dec 30, 198

DERWENT-ACC-NO: 1991-119983

DERWENT-WEEK: 199117

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TITLE: Per-di:carboxylic derivs. - with antimicrobial, anti-arteriosclerotic and anticoagulation activity NoAbstract

PRIORITY-DATA: 1985IT-0019228 (January 25, 1985)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
IT 1199648 B	December 30, 1988	N/A	000	N/A

INT-CL (IPC): A61K 0/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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14.

Document ID: WO 9104333 A, US 5541092 A, AU  
9064074 A, FI 9201057 A, EP 491782 A1, JP  
05500605 W, AU 639494 B, EP 491782 B1, DE  
69005309 E, ES 2049045 T3

Entry 14 of 15

File: DWPI

Apr 4, 1991

DERWENT-ACC-NO: 1991-117522

DERWENT-WEEK: 199636

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TITLE: Peroxy:carboxylic acid prepn. - from acid by treatment with hydrogen peroxide and enzyme catalyst

INVENTOR: BJORKLING, F; GODTFREDSEN, S E ; KIRK, O ; BJOERKLING, F  
; GODTFREDSE, S E

PRIORITY-DATA: 1990DK-0001737 (July 20, 1990) , 1989DK-0004503 (September 12, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9104333 A	April 4, 1991	N/A	000	N/A
US 5541092 A	July 30, 1996	N/A	007	C12P 007/00
AU 9064074 A	April 18, 1991	N/A	000	N/A
FI 9201057 A	March 11, 1992	N/A	000	C12P
EP 491782 A1	July 1, 1992	E	021	C12P 007/40
JP 05500605 W	February 12, 1993	N/A	007	C12P 007/40
AU 639494 B	July 29, 1993	N/A	000	C12P 007/40
EP 491782 B1	December 15, 1993	E	012	C12P 007/40
DE 69005309 E	January 27, 1994	N/A	000	C12P 007/40
ES 2049045 T3	April 1, 1994	N/A	000	C12P 007/40

INT-CL (IPC): C07C 319/24; C07D 301/16; C07D 307/33; C07D 499/52; C12P 7/00;  
C12P 7/40; C12P 11/00; C12P 13/00; C12P 17/02; C12P 17/04; C12P 31/56;  
C12P 37/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Image
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15.

Document ID: NL 7409550 A

Entry 15 of 15

File: DWPI

Sep 25, 197

DERWENT-ACC-NO: 1974-72177V

DERWENT-WEEK: 197441

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TITLE: 1-Alkoxyphenazine-5,10-dioxide antimicrobials prepn. - by oxidation and selective dealkylation of 1,6-dialkoxyphenazine

PRIORITY-DATA: 1974NL-0009550 (July 15, 1974)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
NL 7409550 A	September 25, 1974	N/A	000	N/A

INT-CL (IPC): C07D 51/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Image
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Terms	Documents
11 and (antimicrobial or microbial)	15



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(FILE 'HOME' ENTERED AT 13:59:53 ON 03 AUG 1999)

FILE 'CA, FSTA, FROSTI' ENTERED AT 14:01:11 ON 03 AUG 1999

L1	779 S (PEROXY(3A)CARBOXYLIC) OR (PER(2A)CARBOXYLIC) OR PEROXYACID#
L2	808 S (?PEROXY(3A)CARBOXYLIC) OR (PER(2A)CARBOXYLIC) OR
	PEROXYACID#
L3	27 S (L2 OR L1) AND (ANTIMICROBIAL OR MICROBIAL)
L4	415 S CARCASS### AND (D!SINFECT? OR SANITA?)
L5	0 S L4 AND L2
L6	0 S L4 AND L1

> d his

(FILE 'USPAT' ENTERED AT 11:56:01 ON 03 AUG 1999)

L1	16 S ((MONO OR DI) (2A) PEROXYCARBOXYLIC)
L2	1 S ((MONO OR DI) (2A) PEROXYCARBOXYLIC ACID#)
L3	0 S L1 AND CARCASS
L4	59 S CARCASS AND ANTIMICROBIAL
L5	0 S L4 AND PEROXYCARBOXYLIC
L6	0 S L4 AND PEROXYCARBOXYLIC?
L7	0 S L4 AND ?PEROXYCARBOXYLIC
L8	0 S L4 AND ?PEROXY CARBOXYLIC
L9	99 S ?PEROXY CARBOXYLIC
L10	96 S ?PEROXY CARBOXYLIC ACID#
L11	144 S ?PEROXY (3A) CARBOXYLIC
L12	0 S L11 AND CARCASS
L13	9 S L11 AND (ANTIMICROBIAL OR MICROBIAL)
L14	144 S ?PEROXY (3A) CARBOXYLIC OR (PER (2A) CARBOLIC?)
L15	0 S L14 AND CARCASS###
L16	21 S L14 AND ANIMAL
L17	2 S L16 AND (ANTIMICROBIAL OR MICROBIAL)
L18	1052 S ?PEROXY (3A) CARBOXYLIC OR (PER (2A) CARBOLIC?) OR PEROXYACI
D#	
L19	73 S L18 AND (ANTIMICROBIAL OR MICROBIAL)
L20	0 S L19 AND (CARCASS OR ANIMAL FLESH OR FLESH)
L21	6 S L19 AND MEAT
L22	2451 S ?PEROXY (3A) CARBOXYLIC OR (PER (2A) CARBOXYLIC?) OR PEROXYA
CID	
L23	133 S L22 AND (ANTIMICROBIAL OR MICROBIAL)
L24	44 S L23 AND (MEAT OR CARCASS OR FOOD OR FOODSTUFF OR FOOD ST
UFF	

=> d ti ccls 1-44

US PAT NO: 5,919,691 [IMAGE AVAILABLE] L24: 1 of 44  
TITLE: Enzyme and enzyme preparation with endoglucanase activity  
US-CL-CURRENT: 435/209, 255.2, 256.1, 256.7, 320.1; 536/23.2

US PAT NO: 5,914,177 [IMAGE AVAILABLE] L24: 2 of 44  
TITLE: Wipes having a substrate with a discontinuous pattern of a  
high internal phase inverse emulsion disposed thereon  
and process of making  
US-CL-CURRENT: 428/195, 211

US PAT NO: 5,908,707 [IMAGE AVAILABLE] L24: 3 of 44  
TITLE: Cleaning articles comprising a high internal phase inverse  
emulsion and a carrier with controlled absorbency  
US-CL-CURRENT: 428/537.5; 424/405, 414, 420; 510/152, 153, 468

US PAT NO: 5,900,256 [IMAGE AVAILABLE] L24: 4 of 44  
TITLE: Hydrogen peroxide disinfecting and sterilizing  
compositions  
US-CL-CURRENT: 424/616; 252/186.29, 394; 422/28, 29; 424/126; 514/557,  
970, 973

US PAT NO: 5,858,117 [IMAGE AVAILABLE] L24: 5 of 44  
TITLE: Proteolytic enzyme cleaner  
US-CL-CURRENT: 134/27, 26, 28, 29

US PAT NO: 5,844,451 [IMAGE AVAILABLE] L24: 6 of 44  
TITLE: Method for reducing respiratory allergenicity  
US-CL-CURRENT: 530/402; 435/189, 193; 530/350, 403

US PAT NO: 5,856,282 [IMAGE AVAILABLE] L24: 7 of 44  
TITLE: Silicone compositions  
US-CL-CURRENT: 510/117; 424/49, 53; 510/116, 122, 130, 137, 376, 383, 446, 466

US PAT NO: 5,830,736 [IMAGE AVAILABLE] L24: 8 of 44  
TITLE: Lipolytic enzyme  
US-CL-CURRENT: 435/198; 510/392

US PAT NO: 5,827,505 [IMAGE AVAILABLE] L24: 9 of 44  
TITLE: Oral compositions  
US-CL-CURRENT: 424/49

US PAT NO: 5,786,316 [IMAGE AVAILABLE] L24: 10 of 44  
TITLE: Cleaning compositions comprising xylanases  
US-CL-CURRENT: 510/235, 226, 302, 303, 305, 306, 311, 315, 321, 392, 393, 530

US PAT NO: 5,785,867 [IMAGE AVAILABLE] L24: 11 of 44  
TITLE: Method and composition for inhibiting growth of microorganisms including peracetic acid and a non-oxidizing biocide  
US-CL-CURRENT: 210/759, 764; 252/175, 180; 514/439, 557, 714

US PAT NO: 5,763,383 [IMAGE AVAILABLE] L24: 12 of 44  
TITLE: Alkaline lipases  
US-CL-CURRENT: 510/392; 435/198; 510/530

US PAT NO: 5,759,523 [IMAGE AVAILABLE] L24: 13 of 44  
TITLE: Detergent compositions comprising a dimethicone copolyol  
US-CL-CURRENT: 424/53; 252/186.27, 186.38, 186.43; 424/49; 510/117, 312, 375, 376, 466

US PAT NO: ✓ 5,718,910 [IMAGE AVAILABLE] L24: 14 of 44  
TITLE: **Peroxyacid antimicrobial** composition  
US-CL-CURRENT: 424/405; 514/557, 558, 559, 714

US PAT NO: 5,683,724 [IMAGE AVAILABLE] L24: 15 of 44  
TITLE: Automated process for inhibition of **microbial** growth in aqueous **food** transport or process streams  
US-CL-CURRENT: 424/616; 210/759; 422/28, 29, 82.01, 82.02, 82.03; 426/331, 333, 335, 532; 514/557, 558, 559, 560, 574

US PAT NO: 5,674,538 [IMAGE AVAILABLE] L24: 16 of 44  
TITLE: Process for inhibition of **microbial** growth in aqueous **food** transport or process streams  
US-CL-CURRENT: 424/616; 210/759; 422/28, 29; 426/331, 333, 335, 532; 514/557, 558, 559, 560, 574

US PAT NO: 5,591,397 [IMAGE AVAILABLE] L24: 17 of 44  
TITLE: Double redox system for disinfecting contact lenses  
US-CL-CURRENT: 422/37, 30; 424/661, 669; 514/840

US PAT NO: 5,578,134 [IMAGE AVAILABLE] L24: 18 of 44  
TITLE: Method of sanitizing and destaining tableware  
US-CL-CURRENT: 134/3, 25.2, 41; 510/522

US PAT NO: 5,567,444 [IMAGE AVAILABLE] L24: 19 of 44  
TITLE: Potentiated aqueous ozone cleaning and sanitizing composition for removal of a contaminating soil from a

surface  
US-CL-CURRENT: 424/616; 134/2, 22.13, 22.14; 422/28, 29; 424/613;  
514/234, 370, 372; 514/558, 574

US PAT NO: 5,489,434 [IMAGE AVAILABLE] L24: 20 of 44  
TITLE: Peroxyacid antimicrobail composition  
US-CL-CURRENT: 424/405; 514/557, 558, 559

US PAT NO: 5,462,713 [IMAGE AVAILABLE] L24: 21 of 44  
TITLE: Double redox system for disinfecting contact lenses  
US-CL-CURRENT: 422/37, 30; 424/661, 669; 514/840

US PAT NO: 5,462,681 [IMAGE AVAILABLE] L24: 22 of 44  
TITLE: Particulate suspending antimicrobial additives  
US-CL-CURRENT: 508/513, 547

US PAT NO: 5,437,868 [IMAGE AVAILABLE] L24: 23 of 44  
TITLE: Peroxyacid antimicrobial composition  
US-CL-CURRENT: 424/405; 514/557, 558, 559

US PAT NO: ~~5,409,713~~ [IMAGE AVAILABLE] L24: 24 of 44  
TITLE: Process for inhibition of microbial growth in aqueous  
transport streams  
US-CL-CURRENT: 424/616; 210/759; 422/28, 29; 426/331, 333, 335, 532;  
514/557

US PAT NO: 5,314,687 [IMAGE AVAILABLE] L24: 25 of 44  
TITLE: Peroxyacid antimicrobial composition  
US-CL-CURRENT: 424/405, 616; 514/557, 558, 559, 714

US PAT NO: 5,279,735 [IMAGE AVAILABLE] L24: 26 of 44  
TITLE: Sterilant solutions for hollow fiber membranes  
US-CL-CURRENT: 210/321.69, 321.78, 500.23

US PAT NO: 5,200,189 [IMAGE AVAILABLE] L24: 27 of 44  
TITLE: Peroxyacid antimicrobial composition  
US-CL-CURRENT: 424/405, 616; 514/557, 558, 559

US PAT NO: 5,110,583 [IMAGE AVAILABLE] L24: 28 of 44  
TITLE: Peroxy acids composition for oral treatment  
US-CL-CURRENT: 424/48, 49, 53, 464; 514/714, 835

US PAT NO: 5,089,148 [IMAGE AVAILABLE] L24: 29 of 44  
TITLE: Liquid fabric conditioner containing fabric softener and  
peach colorant  
US-CL-CURRENT: 510/522, 518, 527

US PAT NO: 4,990,329 [IMAGE AVAILABLE] L24: 30 of 44  
TITLE: Composition for treating oral diseases  
US-CL-CURRENT: 424/53, 49, 52; 514/900, 901, 902

US PAT NO: 4,837,004 [IMAGE AVAILABLE] L24: 31 of 44  
TITLE: Rumen-stable pellets  
US-CL-CURRENT: 424/438; 524/37, 38

US PAT NO: 4,783,340 [IMAGE AVAILABLE] L24: 32 of 44  
TITLE: Two-package co-sprayable film-forming sanitizer  
US-CL-CURRENT: 427/2.1; 422/28; 424/405; 427/426; 514/643

US PAT NO: 4,670,444 [IMAGE AVAILABLE] L24: 33 of 44  
TITLE: 7-amino-1-cyclopropyl-4-oxo-1, 4-dihydro-quinoline-and  
naphthyridine-3-carboxylic acids and antibacterial  
agents containing these compounds  
US-CL-CURRENT: 514/300, 230.8, 234.5, 235.2, 254, 312; 544/127, 128, 295,  
362, 363; 546/123, 156

US PAT NO: 4,625 [IMAGE AVAILABLE] L24: 34 of 44  
TITLE: Treatment of oral diseases  
US-CL-CURRENT: 424/53, 48; 514/859, 900, 901, 902

US PAT NO: 4,640,842 [IMAGE AVAILABLE] L24: 35 of 44  
TITLE: Internally flavored hulled cereal grain and process for preparation  
US-CL-CURRENT: 426/534, 462, 507, 597, 599, 618, 625, 640, 650, 660

US PAT NO: 4,541,944 [IMAGE AVAILABLE] L24: 36 of 44  
TITLE: Compositions and processes employing activators for the generation of **peroxyacids**  
US-CL-CURRENT: 510/371; 252/186.38, 186.41; 510/303, 304, 372, 505, 506; 560/1, 105, 112, 185, 198, 262, 263

US PAT NO: 4,302,578 [IMAGE AVAILABLE] L24: 37 of 44  
TITLE: Cephalosporin antibiotics  
US-CL-CURRENT: 540/221

US PAT NO: 4,192,817 [IMAGE AVAILABLE] L24: 38 of 44  
TITLE: Amphoteric surfactants  
US-CL-CURRENT: 562/106

US PAT NO: 4,138,291 [IMAGE AVAILABLE] L24: 39 of 44  
TITLE: Microbiological methods  
US-CL-CURRENT: 435/135, 29, 34, 440, 444, 445, 448, 850

US PAT NO: 4,133,772 [IMAGE AVAILABLE] L24: 40 of 44  
TITLE: Aqueous detergent compositions containing amphoteric surfactants having anti-**microbial** and preservative properties  
US-CL-CURRENT: 510/126; 424/70.19, 70.21; 510/131, 159, 383, 427, 428, 480, 537

US PAT NO: 4,129,517 [IMAGE AVAILABLE] L24: 41 of 44  
TITLE: Aqueous peroxy-containing concentrate  
US-CL-CURRENT: 252/186.23; 8/111; 252/186.29; 423/272; 424/616; 510/372, 382, 480, 501, 503; 514/714; 568/559

US PAT NO: 4,076,744 [IMAGE AVAILABLE] L24: 42 of 44  
TITLE: Amphoteric surfactants  
US-CL-CURRENT: 562/106; 510/126, 131, 382, 383, 480; 562/561

US PAT NO: 4,036,696 [IMAGE AVAILABLE] L24: 43 of 44  
TITLE: Preparation of antibiotics by fermentation  
US-CL-CURRENT: 435/48, 32, 886, 893, 897

US PAT NO: 4,017,487 [IMAGE AVAILABLE] L24: 44 of 44  
TITLE: 7.beta.-(D-5-amino-5-carboxyvaleramide)-7-methoxy-3-substituted-3-cephem-4-carboxylic acid antibiotics  
US-CL-CURRENT: 540/221